***COMPLETE IN NOTEBOOK! COPY ALL FIGURES!***

CW23: Interim Review

**Geometry**

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| **ANNOTATING/DRAWING** Solve the problems below by annotating the problem, the figure, drawing a picture, and/or label all given information. | |
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| 1. Find the value of b and a. |  |
| 1. Find the missing length for a right triangle whose hypotenuse has a length of 15 m and leg has a length of 4 m. | 1. Suppose the triangle H(-5,-3)S(-3,-2)D(-2,-2) is rotated 90° counterclockwise. What is the coordinate of S’? |
| 1. A rectangle has a width of 10 cm and a length of 5 cm. Find the length of the diagonal of the rectangle. | 1. Find the value of b and a. |
| **MIXED REVIEW** Complete the following review problems in your notebook. Show all work. | |
| 1. C:\Users\kramos\Dropbox\Math Materials - KMR\Images\ET#23_Rotation.PNGSuppose ∆IWY is rotated 90 degrees clockwise to form ∆I'W'Y'. What is the coordinate of W’? | 1. C:\Users\kramos\Dropbox\Math Materials - KMR\Images\ET#23_ParallelLines.PNGSolve for x. |
| 1. After a windy night in Chicago, on your way to school, to see a tree has fallen on a building. The line segment representing the fallen tree goes through the points (4,-7) and (11, 4). What is the slope of the fallen tree? | 1. C:\Users\kramos\Dropbox\Math Materials - KMR\Images\ET#23_angles.PNGFind the measure of the missing angle. |
| 1. C:\Users\kramos\Dropbox\Math Materials - KMR\Images\ET#23_Pythag.PNGFind the missing side length. | 1. Find the midpoint of the line segment with the given endpionts.   (-10, -2) , (-10,6) |
| 1. Find the length indicated.  C:\Users\kramos\Dropbox\Math Materials - KMR\Images\ET#23_SegAddition.PNG | 1. Write the slope intercept form of the line through: (1,2), parallel to y=4x + 2 |
| 1. Write the slope intercept form of the line through: (1,2), parallel to y=4x + 2 |
| 1. C:\Users\kramos\Dropbox\Math Materials - KMR\Images\ET#23_TriangleSum.PNG | 1. C:\Users\kramos\Dropbox\Math Materials - KMR\Images\ET#23_angles.PNGFind the measure of the missing angle. |